

5 Series Producers



Industrial Cabinet AC



Heat Exchanger



DC Inverter Cabinet AC



TEC Peltier Air Cooler



Air Conditioner & Heat Exchanger System

泰州天途电器有限公司

TAIZHOU TENTCOOL ELECTRICAL APPLIANCE CO.,LTD



产品分类 Product Category

1» Indoor Type Cabinet AC



Side Mounted Cabinet AC

From 350w to 7500W



Top Mounted Cabinet AC

From 600w to 5000W



Top Discharge Cabinet AC

From 800w to 2000W



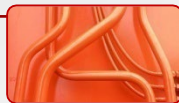
Horizontal Type Cabinet AC

From 650w to 2000W



Customized Cabinet AC

- 1、304#-316# Stainless Steel;
- 2、Anti-corrosion
- 3、Explosion-proof;



2» Outdoor Type Cabinet AC



Communication Outdoor Cabinet AC



Electric Outdoor Cabinet AC (& Container Energy Storage)



DC Inverter Outdoor Cabinet AC

48V DC input



Heat Exchange & Air Conditioning

Heat pipe type, convection type



TEC Semiconductor AC

48V DC input, hydrogen exhaust fan

3» Optional Function



Condensate Auto-evaporate

1000W, 1500W



Condensate Collection Pot



Temperature & Humidity Tracking Alarm



INDUSTRIAL AIR COOLER-
TENT AIR CONDITIONER

零部件 Quality Spare Parts

FIVE STAR



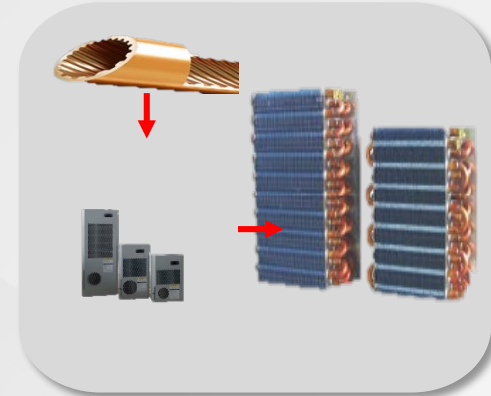
01



IE 5.0 Control System

- ✓LCD Display
- ✓RS485
- ✓Multi-signal input and output
- ✓Temperature, humidity control, output current
- ✓Emergency ventilation, hydrogen exhaust fan
- ✓Constant temperature, dehumidification
- ✓Duty Backup

02



High Efficiency Heat Exchanger

- ✓Internally threaded copper tube
- ✓Blue Fin

03



Centrifugal Fan Motor

- ✓Self-lubricating ball bearings
- ✓50000 hours lifetime

05



High Quality Compressor

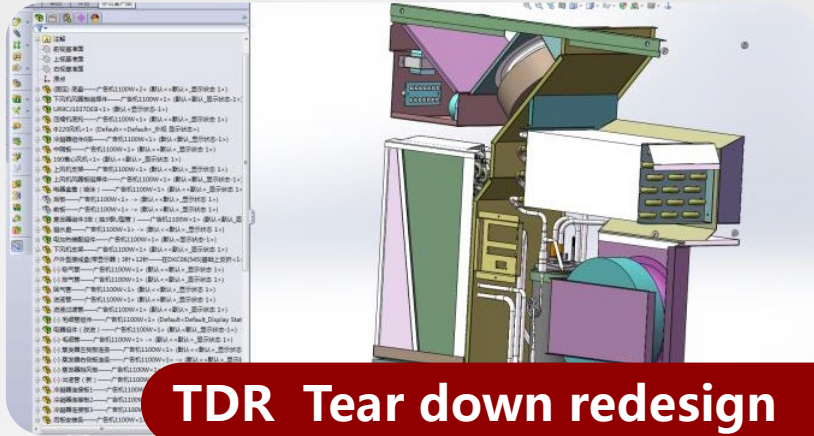
- ✓Famous Brand (Hitachi, Gree, Samsung, etc)
- ✓Various Gas Type (R134a R410a, R22)
- ✓Tropical Design

04



High Efficiency Filter Net

专业设计 Professional Design



TDR Tear down redesign



✓ Anti-compressor lodging transportation device

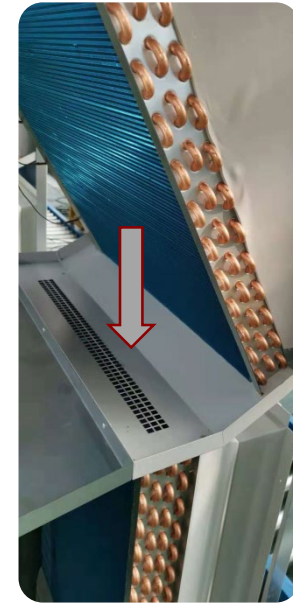
✓ Engineering Mechanics
✓ Dynamics Pipeline Design

01



Dual system independent air supply system, air supply distance 10 meters (>10kW)

✓ Multi-channel distribution system ensures uniform temperature and cooling speed



Condensate-Self-evaporation design- Cooling effect increased by 10%

03



✓ Low temperature compensation temperature control system to ensure no condensation at the air outlet;
✓ Invention patent-grade drainage design top mounted air conditioner never leaks;



Condensation at the air outlet of ordinary air conditioners



03

Leading manufacturer of enclosure climate control units

命名及功能 Name & Function

DKC15W A 2 VI b 400V

POWER SUPPLY

配置类型 Controller Type

I

II

III

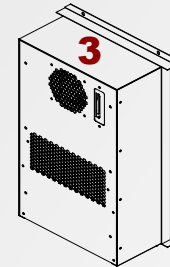
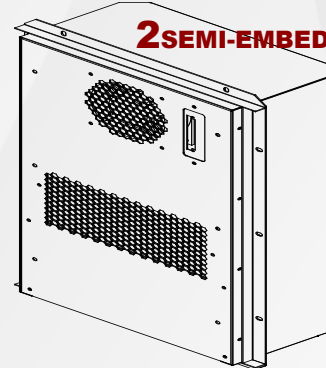
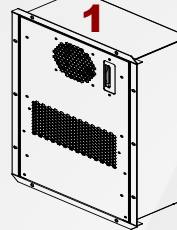
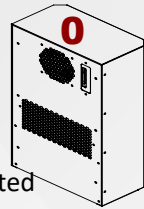
IV

空调安装方式

0	外挂型 (无法兰) No Flange
1	法兰靠柜内侧 1# Flange
2	法兰居中 (半嵌入式) 2# Flange
3	法兰靠柜外侧 3# Flange
D	机柜顶置安装 顶置空调 Top Mounted
G	机柜底部安装 广告机 Bottom Mounted
H	卧式空调 矮尺寸机柜定制 Horizontal Mounted

功能代码 Code	功能配置 Function	I Digital C 数码单冷	II Digital C/H 数码冷暖	III 远程控制 Remote Control	IV Constant temp. 恒温+除湿
a	来电自启, 断电记忆 Auto restart	●	●	●	●
b	温度控制与显示 Temp. Control & Display	●	●	●	●
c	湿度控制与显示 Humidity Control & Display	—	—	—	●
d	温度超限告警 蜂鸣器告警 Buzzer	●	●	—	—
e	Over Temp Alarm 干接点输出告警 Dry node output	—	—	●	●
f	湿度超限告警 Over Humidity Alarm	—	—	—	●
g	温度及湿度输出 (4-20mA) Temp. & Humidity Alarm	—	—	—	●
h	PTC加热 PTC Heating	—	●	●	●
i	故障告警输出 常开/常闭可选 Alarm Output	—	—	●	●
j	失电告警输出 常开/常闭可选 Power Off Output	—	—	●	●
k	高温应急通风输出 Emergency Ventilation Output	—	—	●	—
l	定时风机输出 (排氢) Timer Motor Output	—	—	●	—
m	告警输入 可以接门禁等传感器, 由i端口输出 Alarm Input	—	—	●	●
n	RS485±通信功能 电总协议 EMA	—	—	●	●
o	RS485 & Communication Modbus协议 Modbus	—	—	—	●

2 SEMI-EMBEDDED

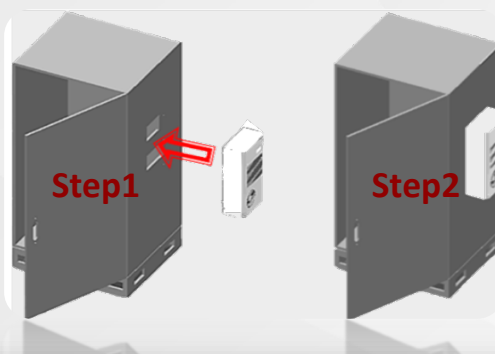


S-Series air conditioner can be equipped with duty rotation function

Attachment
产品附加信息表

- W Outdoor Type;
- 1500W Cooling Capacity: Unit 100W (03,05,06,08,10,15...);
- Industrial Air Conditioner Series;

Side Mounted Parameters 2-1



 **Side Mounted (No Flange)**
Color: 7035;

RAL 7035

 **Standard Type**
Working Condition: 55°C;

型 号	Model	DKC03	DKC05	DKC06	DKC08	DKC10	DKC15	DKC20
外形尺寸	Dimensions WxDxH (mm)	290*210*570		290*235*570	350*220*700		350*280*950	
可用制冷功率	Useful cooling (W)	350	500	650	850	1000	1500	2000
		L35/L35 350	L35/L35 500	L35/L35 650	L35/L35 850	L35/L35 1000	L35/L35 1500	L35/L35 2000
额定功率	Rated Power (W)	L35/L35 220	L35/L35 260	L35/L35 350	L35/L35 415	L35/L35 460	L35/L35 750	L35/L35 825
工作电压	Rated Voltage (V)	220V/50HZ 230V /60HZ						
工作温度范围	Working Temperature	subzero 40℃~55℃ (零下40度到55度) 制热采用PTC 陶瓷加热器						
制冷剂	Refrigerant	R134a						
外循环风量	Ambinet Air Circuit (m³/h)	260	260	385	385	400	580	580
内循环风量	Cabinet Air Circuit (m³/h)	210	210	260	385	400	500	520
噪声水平	Noise Level (dB)	55	55	58	60	62	65	65
重 量	Weight (kg)	17	17.5	19	26	26.5	36	36.5
颜 色	Color	RAL 7035 (或其他定制颜色及不锈钢材料)						



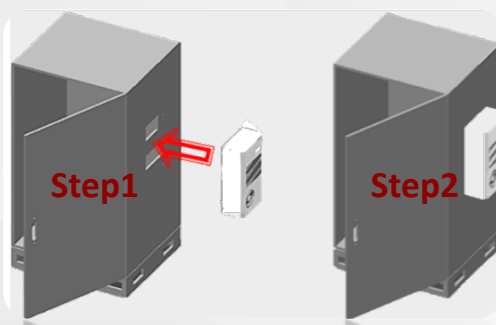
 **Shanghai Pudong Airport**

型 号	Model	DKC25	DKC30	DKC35	DKC40	DKC50	DKC75
外形尺寸	Dimensions WxDxH (mm)	400*270*1150		450*295*1350		485*320*1470	550*390*1750
可用制冷功率	Useful cooling (W)	2500	3000	3500	4000	5000	7500
额定功率	Rated Power (W)	L35/L35 2500	L35/L35 3000	L35/L35 3500	L35/L35 4000	L35/L35 5000	L35/L35 7500
工作电压	Rated Voltage (V)	L35/L35 1080	L35/L35 1200	L35/L35 1700	L35/L35 1850	L35/L35 2250	L35/L35 3000
工作温度范围	Working Temperature	220V/50HZ 230V /60HZ (7500W 基本型号为380V,3P)					
制冷剂	Refrigerant	R134a or R22				R22	
外循环风量	Ambinet Air Circuit (m³/h)	1000	1000	1500	1550	1900	2500
内循环风量	Cabinet Air Circuit (m³/h)	800	800	1450	1480	1480	1900
噪声水平	Noise Level (dB)	66	66	69	69	70	72
重 量	Weight (kg)	45	48	62	65	70	85
颜 色	Color	RAL 7035 (或其他定制颜色及不锈钢材料)					



GAC Motor

Tropical Side Mounted Parameters 2-1



☑ Side Mounted (No Flange)
Color: 7035;

RAL 7035

☑ Tropical Design 55~80 °C ;

TENTCOOL

型 号	Model	DKC03	DKC05	DKC06	DKC08	DKC10	DKC15	DKC20
外形尺寸	Dimensions WxDxH (mm)	290*210*570		290*235*570	350*220*700		350*280*950	
可用制冷功率	Useful cooling (W)	350	500	650	850	1000	1500	2000
		L35/L35 350	L35/L35 500	L35/L35 650	L35/L35 850	L35/L35 1000	L35/L35 1500	L35/L35 2000
额定功率	Rated Power (W)	L35/L35 220	L35/L35 260	L35/L35 350	L35/L35 415	L35/L35 460	L35/L35 750	L35/L35 825
工作电压	Rated Voltage (V)	220V/50HZ 230V /60HZ						
工作温度范围	Working Temperature	Customized design for > 55°C; Maximum up to 80°C working condition						
制冷剂	Refrigerant	R134a						
外循环风量	Ambinet Air Circuit (m³/h)	260	260	385	385	400	580	580
内循环风量	Cabinet Air Circuit (m³/h)	210	210	260	385	400	500	520
噪声水平	Noise Level (dB)	55	55	58	60	62	65	65
重 量	Weight (kg)	17	17.5	19	26	26.5	36	36.5
颜 色	Color	RAL 7035 (或其他定制颜色及不锈钢材料)						

T3 Compressor;
Tropical Motor;
Multi-channel design

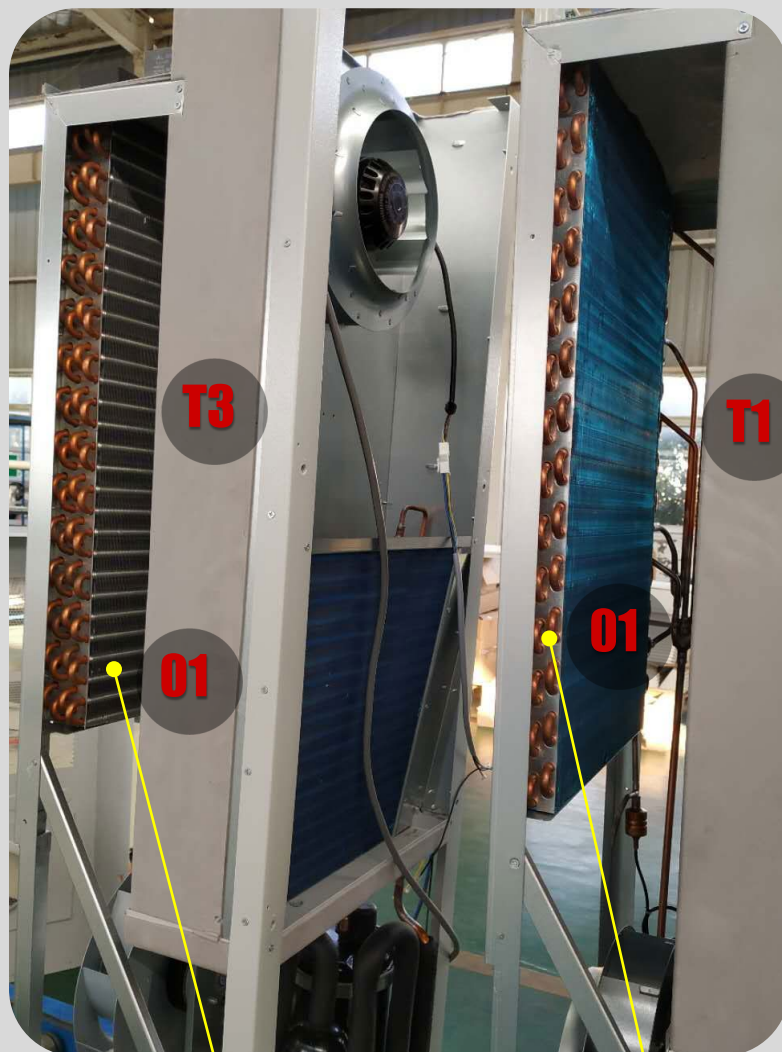


型 号	Model	DKC25	DKC30	DKC35	DKC40	DKC50	DKC75
外形尺寸	Dimensions WxDxH (mm)	400*270*1150		450*295*1350		485*320*1470	550*390*1750
可用制冷功率	Useful cooling (W)	2500	3000	3500	4000	5000	7500
额定功率	Rated Power (W)	L35/L35 2500	L35/L35 3000	L35/L35 3500	L35/L35 4000	L35/L355000	L35/L357500
工作电压	Rated Voltage (V)	L35/L35 1080	L35/L35 1200	L35/L35 1700	L35/L35 1850	L35/L35 2250	L35/L353000
工作温度范围	Working Temperature	220V/50HZ 230V /60HZ (7500W 基本型号为380V,3P)					
制冷剂	Refrigerant	R134a or R22				R22	
外循环风量	Ambinet Air Ciruit (m³/h)	1000	1000	1500	1550	1900	2500
内循环风量	Cabinet Air Ciruit (m³/h)	800	800	1450	1480	1480	1900
噪声水平	Noise Level (dB)	66	66	69	69	70	72
重 量	Weight (kg)	45	48	62	65	70	85
颜 色	Color	RAL 7035 (或其他定制颜色及不锈钢材料)					

Customized design for > 55°C; Maximum up to 80°C working condition

 SIEMENS (Tropical)



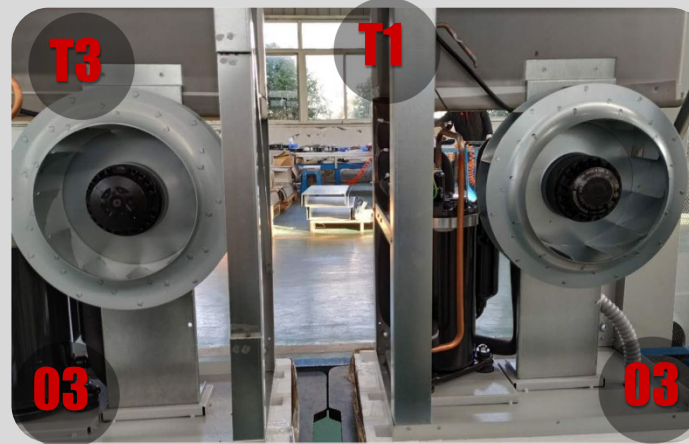


✓ Tropical type heat exchange surface area increases by 50%



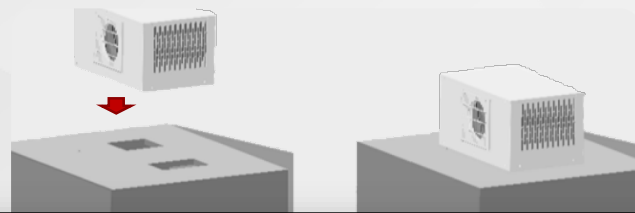
✓ 高温空压缩机储液罐较大

- ✓ T3 Tropical Air Conditioner
- ✓ Working Normal under 60°C
- ✓ Special Design for >60 °C
- ✓ Standard Series 55 °C↓ working normal



- ✓ Tropical Fan Motor
- ✓ 85°C working normal;
- ✓ Reinforced fan internal wiring

Top Mounted Parameters



Color: RAL 7035;

Standard Type:



Working Temp. up to 55 °C



Standard function: cooling, dehumidification, Low temperature anti-condensation, patented drainage

RAL 7035

TENTCOOL

型 号	Model	DKC06D	DKC08D	DKC10D	DKC15D	DKC20D	DKC25D	DKC30D	DKC35D	DKC40D	DKC45D	DKC50D
外形尺寸	Dimensions W*D*H(mm)	W500*D350*H301			W580*D450*H385		W640*D480*H427		W690*D560*H469		W690*D560*H595	
可用制冷功率	(QK) Useful cooling (W)	650W	850W	1000W	1500W	2000W	2500W	3000W	3500W	4000W	4500W	5000W
		L35/L35 650	L35/L35 850	L35/L35 1000	L35/L35 1500	L35/L35 2000	L35/L35 2500	L35/L35 3000	L35/L35 3500	L35/L35 4000	L35/L35 4500	L35/L35 5000
额定功率	Rated Power (W)	L35/L35 350	L35/L35 415	L35/L35 460	L35/L35 750	L35/L35 825	L35/L35 1080	L35/L35 1200	L35/L35 1750	L35/L35 1900	L35/L35 2300	L35/L35 2530
工作电压	Rated Voltage (V)	220V/50HZ 230V /60HZ										
工作温度范围	Working Temperature (°C)	subzero 40℃~55℃ (零下40度到50度)										
制冷剂	Refrigerant	R134a / R410a										
外循环风量	Ambinet Air Circuit (m³/h)	385	385	400	580	580	1000	1000	1500	1550	1900	1900
内循环风量	Cabinet Air Circuit (m³/h)	260	385	400	500	520	800	800	1450	1480	1480	1480
噪声水平	Noise Level (dB)	58	60	62	65	65	66	66	69	69	70	70
重量	Weight (kg)	25	25.5	26	35	36	45	46	56	57	69	71
颜色	Color	RAL 7035 (或其他定制颜色及不锈钢材料)										

Top Mounted Application Scenario 2-1



Daqing Oilfield
5000W Top Mounted Cabinet AC

Shanghai Pudong Airport
5000W Top Mounted Cabinet AC



NHVS
1000W Outdoor Type Cabinet AC
With Flange and Handheld Operator

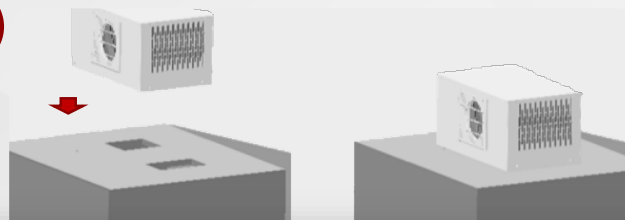
Electric & Automation Integrated Solution
提供电气自动化整体解决方案



The first 28000DWT chemical tanker/product tanker HAISHENG
built by Hong Kong Ocean Shipping
Top Mounted Tropical Type Anti-corrosion Series Cabinet AC



Tropical Top Mounted Parameters



✍ Applied for tropical area >55°C;

TENTCOOL

✍ Tropical Compressor, Multi-channel design,
Tropical Fan Motor

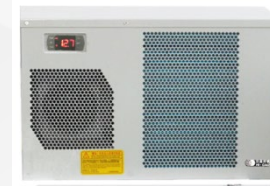


型 号	Model	DKC06D	DKC08D	DKC10D	DKC15D	DKC20D	DKC25D	DKC30D	DKC35D	DKC40D	DKC45D	DKC50D
外形尺寸	Dimensions W*D*H(mm)	W500*D350*H301			W580*D450*H385		W640*D480*H427		W690*D560*H469		W690*D560*H595	
可用制冷功率	(QK) Useful cooling (W)	650W	850W	1000W	1500W	2000W	2500W	3000W	3500W	4000W	4500W	5000W
		L35/L35 650	L35/L35 850	L35/L35 1000	L35/L35 1500	L35/L35 2000	L35/L35 2500	L35/L35 3000	L35/L35 3500	L35/L35 4000	L35/L35 4500	L35/L35 5000
额定功率	Rated Power (W)	L35/L35 350	L35/L35 415	L35/L35 460	L35/L35 750	L35/L35 825	L35/L35 1080	L35/L35 1200	L35/L35 1750	L35/L35 1900	L35/L35 2300	L35/L35 2530
工作电压	Rated Voltage (V)	220V/50HZ 230V /60HZ										
工作温度范围	Working Temperature (°C)	Customized design for > 55°C; Maximum up to 80°C working condition										
制冷剂	Refrigerant	R134a / R410a										
外循环风量	Ambinet Air Ciruit (m³/h)	385	385	400	580	580	1000	1000	1500	1550	1900	1900
内循环风量	Cabinet Air Ciruit (m³/h)	260	385	400	500	520	800	800	1450	1480	1480	1480
噪声水平	Noise Level (dB)	58	60	62	65	65	66	66	69	69	70	70
重 量	Weight (kg)	25	25.5	26	35	36	45	46	56	57	69	71
颜 色	Color	RAL 7035 (或其他定制颜色及不锈钢材料)										



Horizontal type-for low height cabinet

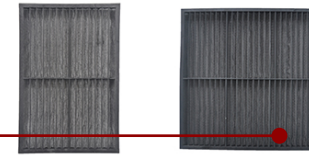
Features: {
✓ Height only 383mm;
✓ Applicable for height <400mm cabinet



✓ Advertising Displayer
✓ Hidden Design



✓ Centrifugal Fan, 5 meters air supply distance
✓ Hitachi R134a compressor;
✓ IP55 Protection Level.



✓ High Efficiency Filter Net

✓ Air Conditioner Height only 383mm

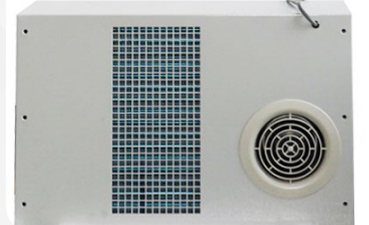
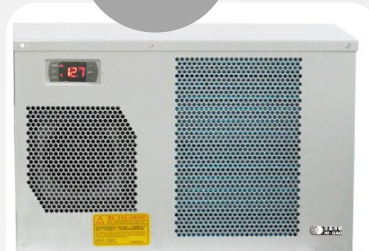
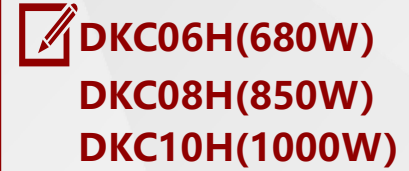
✓ 500W Side Mounted

✓ 1000W Horizontal Type

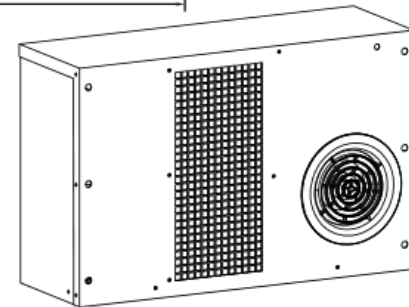
✓ 1000W Side Mounted

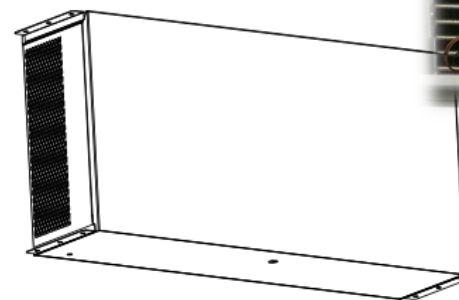
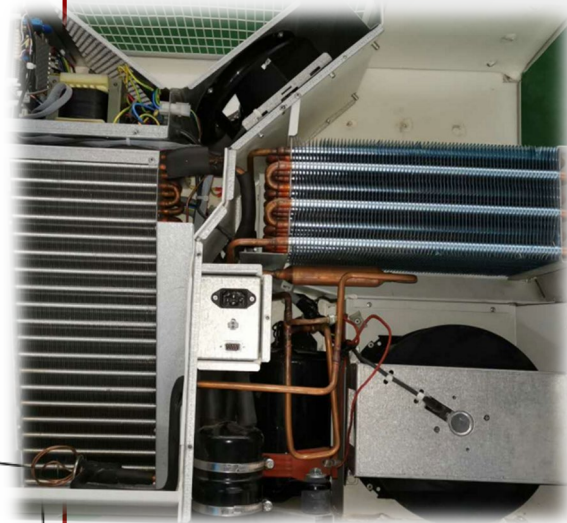
✓ Super Cooling Running
✓ Danfoss liquid gas separator, Crank heating

H



外形尺寸和开口尺寸
Dimensions and openings dimensions

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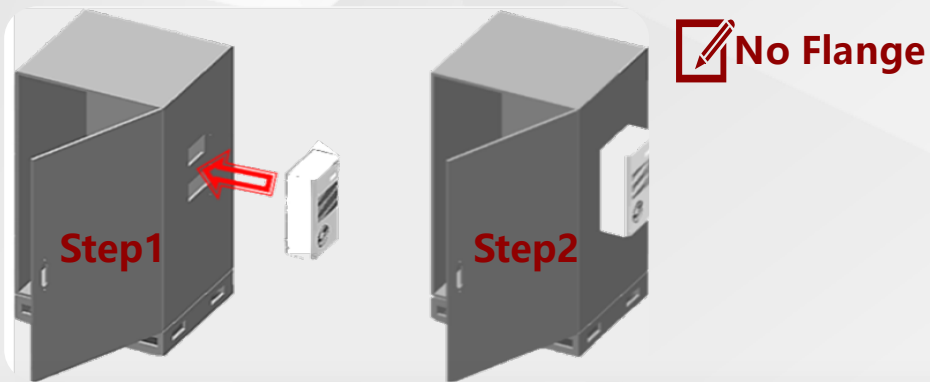


外形尺寸和开口尺寸
Dimensions and openings dimensions

	Model	DKC08G	DKC10G	DKC15G
外形尺寸	Dimensions WxDxH(mm)	800x200x402	800x200x402	800x200x402
工作电压	Rated Voltage(V)	220V/50Hz 230V/60Hz	220V/50Hz 230V/60Hz	220V/50Hz 230V/60Hz
额定功率	Rated Power(W)	L35/L35 400	L35/L35 450	L35/L35 500
可用制冷功率	(QK) Useful Cooling(W)	L35/L35 850	L35/L35 1000	L35/L35 1500
工作温度范围	Working Temperature(°C)	-10°C~55°C	-10°C~55°C	-10°C~55°C
制冷剂	Refrigerant	R134a	R134a	R134a
外循环风量	Ambinet Air Ciruit(m³/h)	385	400	580
内循环风量	Cabinet Air Ciruit(m³/h)	385	400	500
噪声水平	Noise Level(dB)	60	62	65
重量	Weight(kg)	28	30	32
颜色	Color	RAL 428C	RAL 428C	RAL 428C

					DKC08G, DKC10G, DKC15
				工业控制柜空调 开口图	Mark Weight Scale
				广告机空调	
				功率: 850W, 1000W, 1500W	

Side Mounted Cabinet Air Conditioner with Condensate Volatilization Device



型 号	Model	DKC03	DKC05	DKC06	DKC08	DKC10	DKC15	DKC20
外形尺寸	Dimensions WxDxH (mm)	290*210*720		290*235*720	350*220*850		350*280*1050	
可用制冷功率	Useful cooling (W)	350	500	650	850	1000	1500	2000
		L35/L35 350	L35/L35 500	L35/L35 650	L35/L35 850	L35/L35 1000	L35/L35 1500	L35/L35 2000
额定功率	Rated Power (W)	L35/L35 220	L35/L35 260	L35/L35 350	L35/L35 415	L35/L35 460	L35/L35 750	L35/L35 825
工作电压	Rated Voltage (V)	220V/50HZ 230V /60HZ (2P)						
工作温度范围	Working Temperature	subzero 40℃~55℃ (零下40度到50度)						
制冷剂	Refrigerant	R134a						
加热功率	Heating Power (W)	1000W						
外循环风量	Ambinet Air Ciruit (m³/h)	260	260	385	385	400	580	580
内循环风量	Cabinet Air Ciruit (m³/h)	210	210	260	385	400	500	520
噪声水平	Noise Level (dB)	55	55	58	60	62	65	65
重 量	Weight (kg)	17	17.5	19	26	26.5	36	36.5
颜 色	Color	RAL 428C (或其他定制颜色及不锈钢材料)						

100% Volatilized



Supply to Xi'an Metro

Semi-Embedded Cabinet AC



✓ Supply to China Mobile



✓ Supply to Nanjing POTEVIO



Semi-Embedded Parameters

T



Outdoor Type

TENTCOOL

Model		DKC06W	DKC08W	DKC10W	DKC15W	DKC20W	DKC25W	DKC30W	DKC35W	DKC40W
外形尺寸	Dimensions (mm)	W315*D185*H545		W446*D200*H746			W400*D270*H1150		W450*D295*H1350	
可用制冷功率	(QK) Useful cooling (W)	650W	850W	1000W	1500W	2000W	2500W	3000W	3500W	4000W
		L35/L35 650	L35/L35 850	L35/L35 1000	L35/L35 1500	L35/L35 2000	L35/L35 2500	L35/L35 3000	L35/L35 3500	L35/L35 4000
额定功率	Rated Power (W)	L35/L35 310	L35/L35 395	L35/L35 400	L35/L35 450	L35/L35 700	L35/L35 1080	L35/L35 1200	L35/L35 1700	L35/L35 1850
工作电压	Rated Voltage (V)	220V/50HZ 230V /60HZ								
工作温度范围	Working Temperature (°C)	subzero 40℃~55℃ (零下40度到55度)								
制冷剂	Refrigerant	R134a								
外循环风量	Ambinet Air Ciruit (m³/h)	260	260	450	570	780	1000	1000	1500	1550
内循环风量	Cabinet Air Ciruit (m³/h)	210	210	320	380	420	800	800	1450	1480
噪声水平	Noise Level (dB)	55	55	62	62	62	66	66	69	69
重量	Weight (kg)	20	20	28	28	29	50	52	62	65
颜色	Color	RAL 7035 (或其他定制颜色及不锈钢材料)								

Electric Industry Cabinet AC



01

✓Shandong Power Station



02

✓Supply to Inner Mongolia Chifeng Substation



19'
3°55'

Outdoor Type: With
Dust Cover IP65

Supply to:
Xidian Group, New Northeast Electric, Guodian Nanrui, Changyuan
Shenrui; Taikai Group, Sifang Special Change, Nanzi, etc;



Electric power industry Cabinet air conditioner with dust cover, exclusively supply to Xidian Group.
Constant temperature, dehumidification, temperature and humidity output
Modbus RTU communication protocol

Electric Industry Cabinet AC Parameters

E



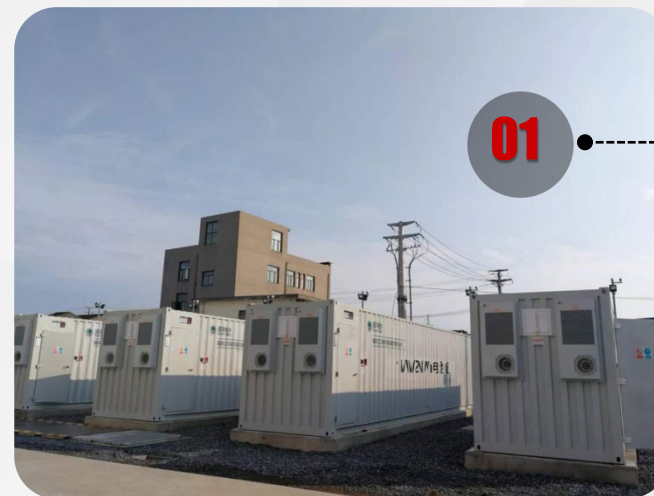
With Dust Cover IP65;

Cooling, Heating, Dehumidification, Humidification;

TENTCOOL

Model		DKC05W	DKC06W	DKC08W	DKC10W	DKC15W	DKC20W	DKC25W	DKC30W	DKC35W	DKC40W
Dimensions (mm)	空 调+外罩	W315*D185*H545			W350*D220*H700	W350*D280*H950		W400*D270*H1150		W450*D295*H1350	
	空 调外罩一体机				W487*D200*H795						
(QK) Useful cooling (W)		500W	650W	850W	1000W	1500W	2000W	2500W	3000W	3500W	4000W
		L35/L35 500	L35/L35 650	L35/L35 850	L35/L35 1000	L35/L35 1500	L35/L35 2000	L35/L35 2500	L35/L35 3000	L35/L35 3500	L35/L35 4000
Rated Power (W)		L35/L35 260	L35/L35 310	L35/L35 395	L35/L35 400	L35/L35 450	L35/L35 700	L35/L35 1080	L35/L35 1200	L35/L35 1700	L35/L35 1850
Rated Voltage (V)		220V/50HZ 230V /60HZ									
Working Temperature (°C)		subzero 40℃~55℃ (零下40度到55度)									
Refrigerant		R134a						R134a or R22			
Ambinet Air Ciruit (m³/h)		260	260	260	450	570	780	1000	1000	1500	1550
Cabinet Air Ciruit (m³/h)		210	210	210	320	380	420	800	800	1450	1480
Noise Level (dB)		55	55	55	62	62	62	66	66	69	69
Weight (kg)		20	20	20	38.5	39	39.5	50	52	62	65
Color		RAL 7035 (或其他定制颜色及不 锈钢材料)									

Energy Storage Container AC



✓ Supply to Zhenjiang Energy Storage Station 88 sets



5000W Production

Energy Storage Container AC

01

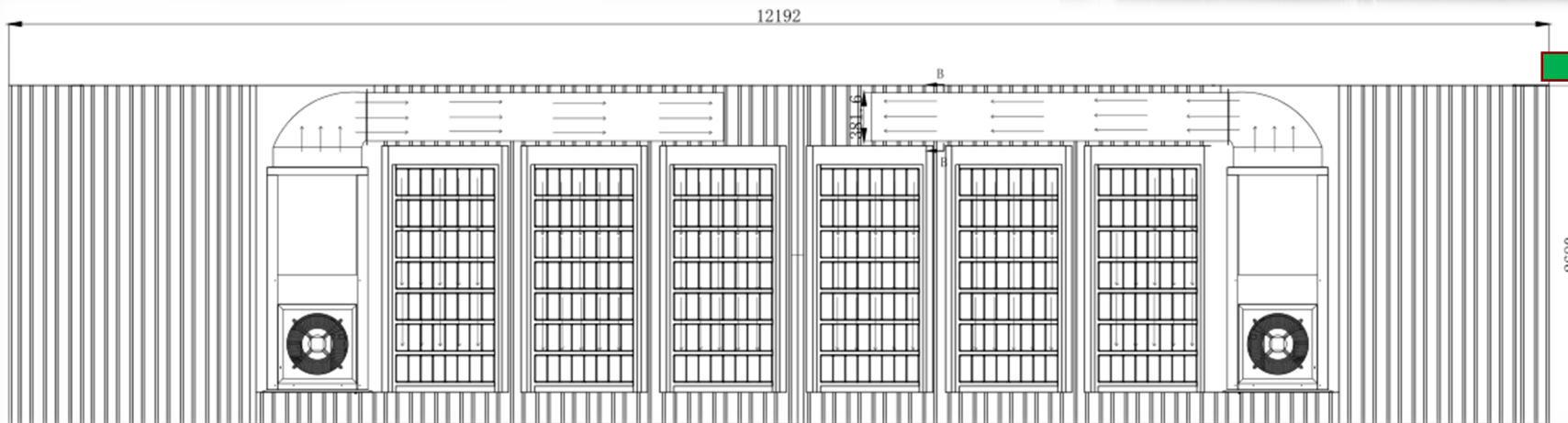
✓12500W Top Discharge + Air Distribute Duct



02



✓5000W used on ESC



Model		DKC32W	DKC35W	DKC40W	DKC50W	另案介绍 DKC50WA/S	DKC75W	另案介绍 DKC125WA/JZX	DKC125WA/JG
外形尺寸	Dimensions (mm)	出口型		小2匹	2匹	静音型	3匹	集装箱5匹	机柜型5匹
		W400*D270*H1150	W450*D295*H1350		W485*D320*H1470	W660*D430*H1600	W550*D390*H1750	W800*D732.4*H1792.2	
可用制冷功率	(QK) Useful cooling (W)	3200W	3500W	4000W	5000W	5000W	7500W	12500W	12500W
		L35/L35 3200	L35/L35 3500	L35/L35 4000	L35/L35 5000	L35/L35 5000	L35/L35 7500	L35/L35 12500	L35/L35 12500
额定功率	Rated Power (W)	L35/L35 1320	L35/L35 1410	L35/L35 1610	L35/L35 2040	L35/L35 2330	L35/L35 3100	L35/L35 4500	L35/L35 4580
工作电压	Rated Voltage (V)	220V/50HZ 230V /60HZ							
工作温度范围	Working Temperature (°C)	subzero 40℃~55℃ (零下40度到55度)							
制冷剂	Refrigerant	R134a	R134a	R134a	R410a	R410a	R410a	R410a	R410a
外循环风量	Ambinet Air Circuit (m³/h)	1000	1500	1550	1900	1900	2100	5300	5300
内循环风量	Cabinet Air Circuit (m³/h)	800	1450	1480	1480	1480	1500	3500	3500
噪声水平	Noise Level (dB)	66	69	69	70	55	72	75	75
重量	Weight (kg)	52	62	65	70	90	127	205	205
颜色	Color	RAL 7035 (或其他定制颜色及不锈钢材料)							

DC Inverter Type Cabinet AC

Hitachi Micro Compressor



01

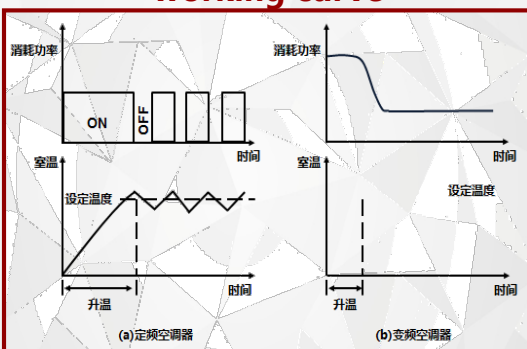


02

EER 3.2, High Energy Efficiency, Contribute to 5G

DC

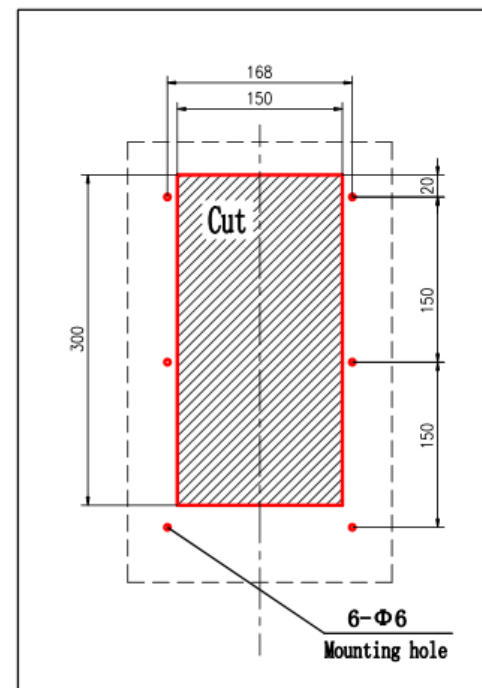
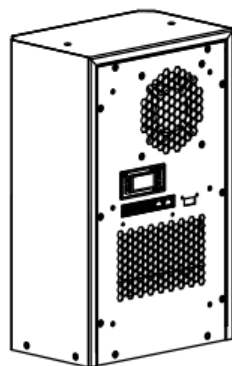
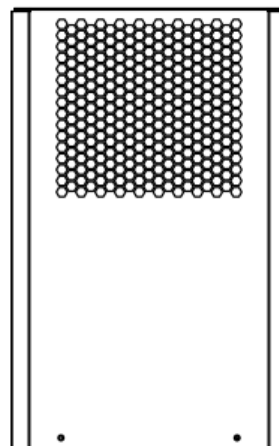
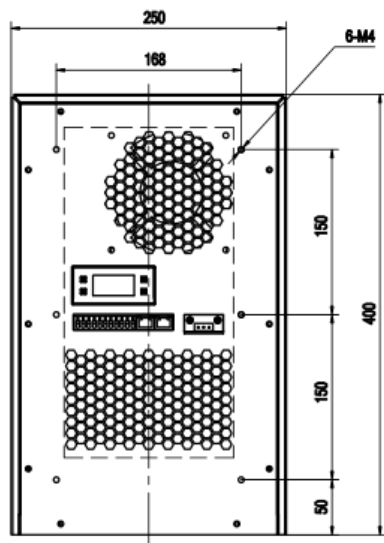
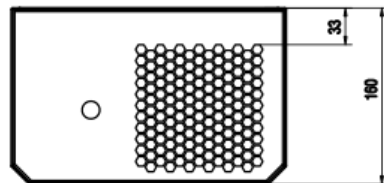
Stepless speed regulation,
precise temperature control,
working curve



型 号	Model	DC-03W	DC-05W	DC-06W	DC-08W	DC-10W	DC-15W	DC-20W	DC-25W
外形尺寸	Dimensions (mm)	W250*D160*H400				W446*D200*H746			
				W338*D175*H669				W421*D200*H1070	
可用制冷功率	Useful cooling (W)	300W	500W	650W	800W	1000W	1500W	2000W	2500W
		L35/L35 300	L35/L35 500	L35/L35 650	L35/L35 800	L35/L35 1000	L35/L35 1500	L35/L35 2000	L35/L35 2500
额定功率	Rated Power (W)	L35/L35 100	L35/L35 165	L35/L35 215	L35/L35 265	L35/L35 320	L35/L35 450	L35/L35 650	L35/L35 800
工作电压	Rated Voltage (V)	DC 48V							
工作温度范围	Working Temperature (°C)	subzero 10°C~55°C (零下10度到50度)							
制冷剂	Refrigerant	R134a							
外循环风量	Ambinet Air Circuit (m³/h)	260	260	385	385	400	580	580	1000
内循环风量	Cabinet Air Circuit (m³/h)	210	210	260	385	400	500	520	800
噪声水平	Noise Level (dB)	55	55	58	60	62	64	64	65
重 量	Weight (kg)	8	8.5	12	12	26	26.5	48	50
颜 色	Color	RAL 428C (或其他定制颜色及不锈钢材料)							

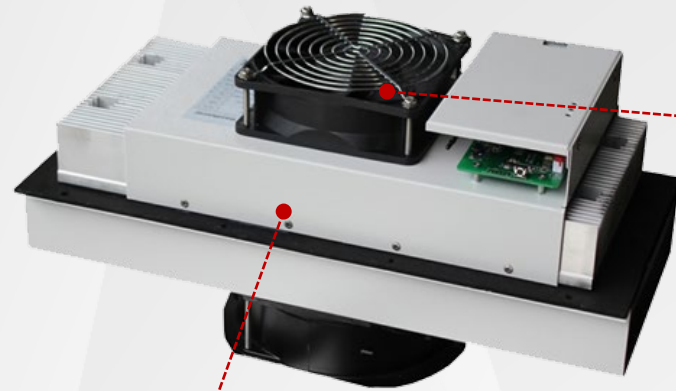
 DC Type
DC-300(300W)
DC-500(500W)

DC



				侧挂式户外型直流变频柜空调			DC-300W		
				Wall-mounted, Outdoor, DC-inverter			Mark	Weight	Scale
				Capacity: 300W					1:3
Design		Check							
Auditing		Approval	Date						

TEC



Delta Brand
Fan Motor

01



Brand Cooling Tablet

02

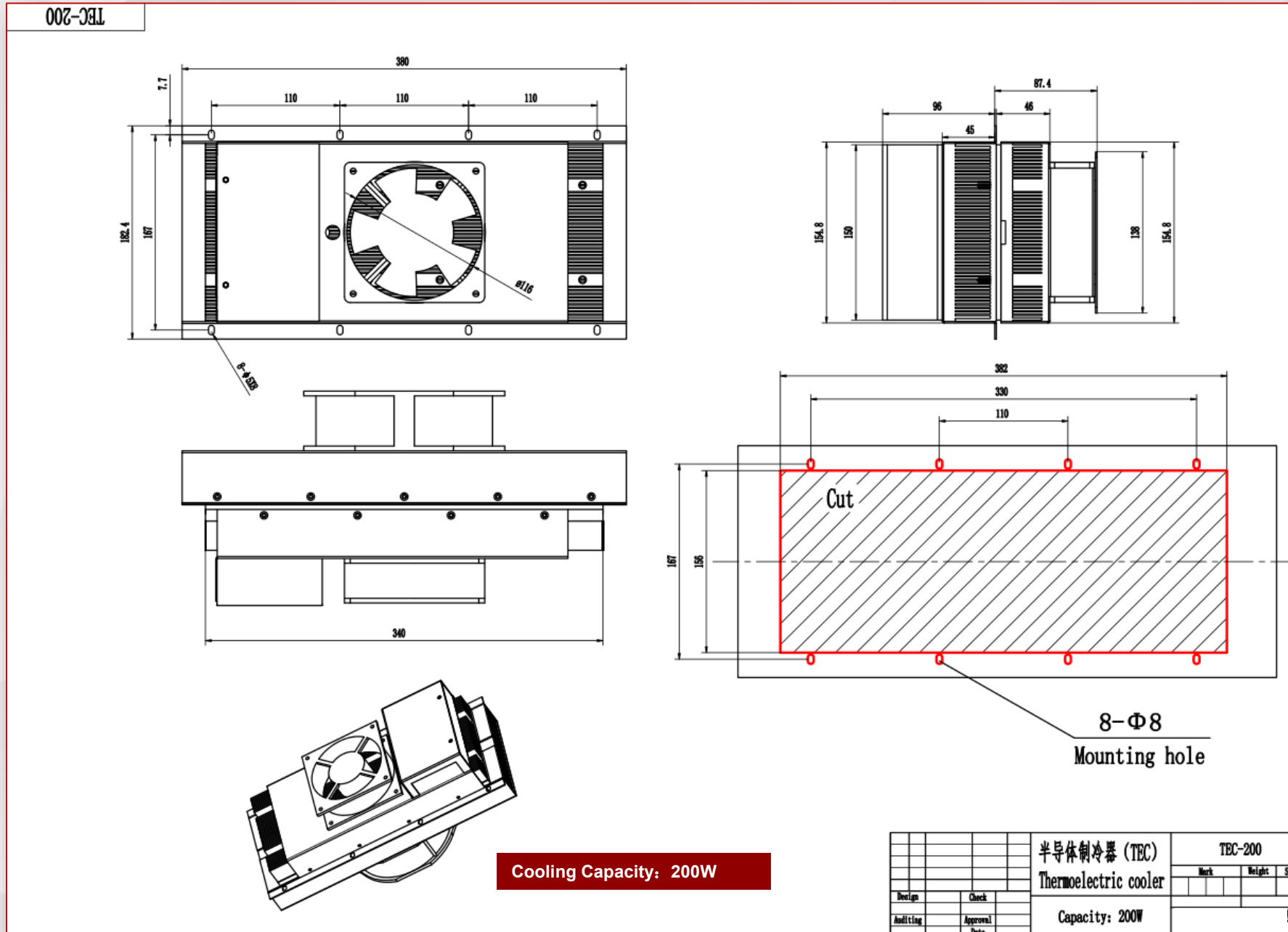


- 通讯蓄电池柜、迷你制冷完美解决方案；
- 具备制冷、制热、待机三种工作模式；
- 世界知名品牌风机和制冷片，制冷高效、噪音低！
- 智能控制，采用MODBUS协议，具备告警输出功能。
- 供电方式：48VDC，制热模式自动切换。

- Perfect cooling solution for telecom battery cabinet, mini cabinet heat dissipation.
- Three working modes: cooling & heating & standby,
- Use world known blowers & Peltier effect chips, fan motor can be regulated
- for 48VDC power version to achieve highest efficiency & lower noise.
- Intelligent controller built in for having remote .
- display is standard configuration.
- Power supply: 48VDC. Heating mode is an auto choice.

TEC (200W)

TEC



热交换 Heat Exchanger DC -Series



HE

- 高效换热，性能稳定，耐脏、耐腐蚀，是通信、电力散热首选;
- 德国EBM进口风机，直流供电时可以做到无级调速，高效、低噪;
- 智能控制，采用MODBUS协议，具备告警输出功能;
- 供电方式: 48VDC 加热器可以选配，加热器工作电压220VAC。

- Areliable, high efficient and long lifetime cooling solution for telecom
- outdoor cabinet
- Build with Germany brand high efficiency blowers, fan speed can be regulated with low noise, high efficiency operation.
- Intelligent controller built in for having remote control, alarming output.
- Power supply: 48VDC.
- Heating function is optional, heater working voltage: 220VAC



通讯、电力运用场景

型 号	HEX-80	HEX-120	HEX-190
工作电压	DC 48V±20% // AC 220V±15%		
额定功率	100W	100W	180W
换热能力	80W/K	120W/K	190W/K
重 量	22kg		34kg
外形尺寸	446×746×200		505×945×D200
W×H×D			
安装方式	门装/侧装		
噪 音	≤60 dB(A)		≤65 dB(A)
温度范围	-40℃~+60℃		
加热功能	AC220V PTC陶瓷电加热器选配		

济南变电站运用场景



AC1500W-H80W/K

is a compact, high efficiency combo air conditioner. The design is optimized for applications with limited space available, but where functionality and performance still cannot be compromised.

- 220VAC for air conditioner, -48VDC for heat exchanger
- 1500W cooling capacity@L35/L35
- 80w/k heat exchanger
- Compact design
- Door mounted – easy integration in outdoor cabinets and enclosures
- Wide working temperature range: -15°C to +55 °C
- Serious product, cooling range: 1000~3000W, heat exchanger range: 80w/k~120w/k

BENEFITS

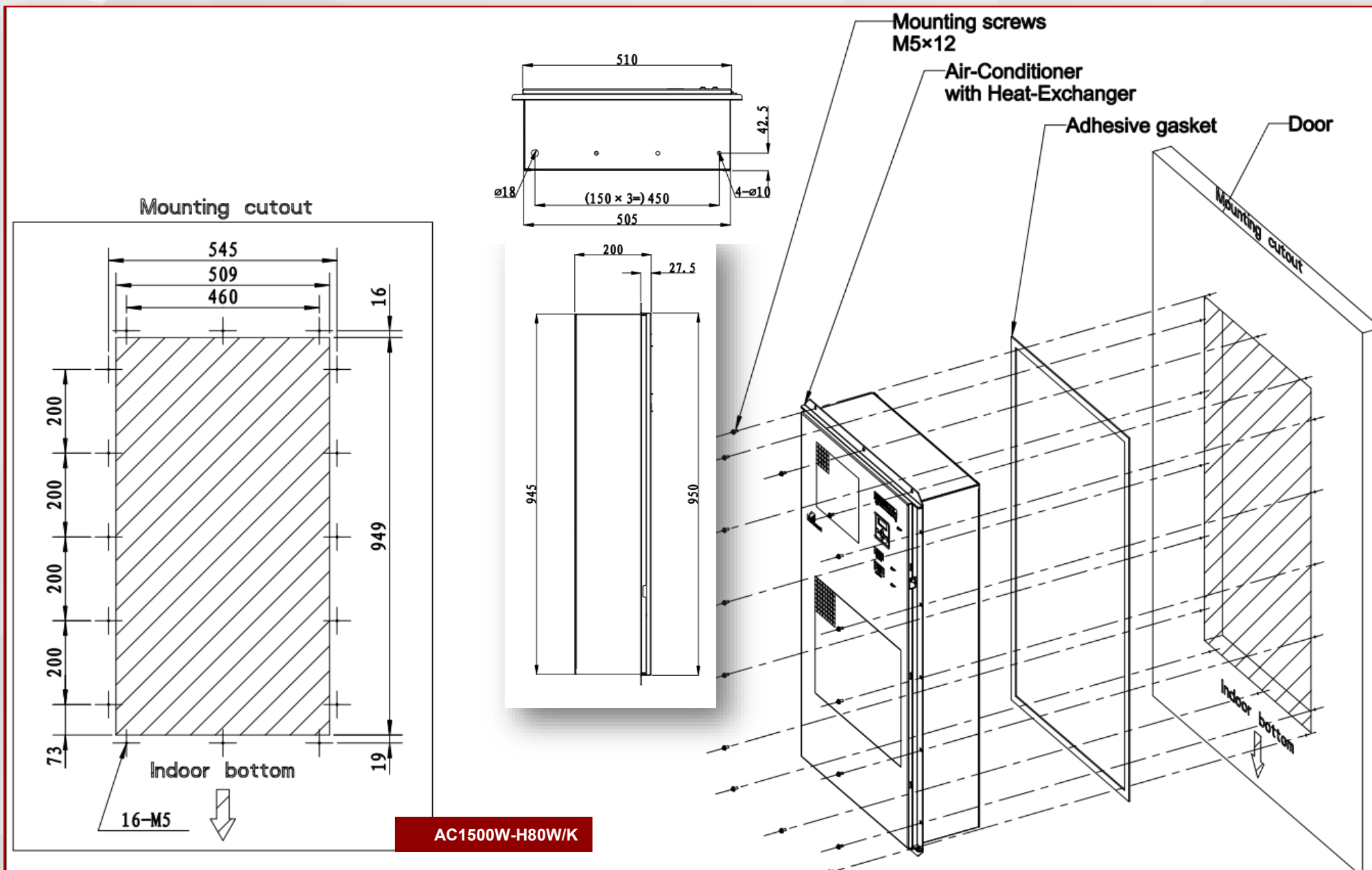
- Air conditioner and heat exchanger system as backup
- Energy saving, different cooling mode for varied ambient
- Low noise, the lose level of unit can be reduced according to the heat load, silently operating in most time
- Lifetime >10 years – minimum maintenance
- Environmental friendly – R134a and RoHS compliant
- Resistant to corrosive environments – IP55 and Salt fog tested
- Dedicated design by delay start
- RS485 for remote control

参数Parameter & Model型号

AC1500W-H80W/K

Dimensions, Weight & Mount		
External Dimensions (H x W x D)	mm	945×505×200
External Dimensions (H x W x D) With Flange	mm	1001×561×200
Weight	kg	45
Mounting Method		Door Mounted
Application		Outdoor
Environmental Protection & Performance		
Working Temperature Range	°C	-40 to +55
Noise Level	dB(A)	65
IP Protection Level		IP 55
Refrigerant		R134a
RoHS2 Compliant		Yes
Cooling/Heating Capacity		
Cooling Capacity@L35/L35	W	1500
Heat Exchanger	W/K	80
Heating Capacity (Optional)	W	\
Power Consumption		
AC Power Consumption@L35/L35	W	520
DC Power Consumption@L35/L35	W	70
AC Current@L35/L35	A	2.45
DC Current@L35/L35	A	1.50
Airflow		
Internal Airflow	m3/h	400
Power Supply		
Power Supply range		-38~-58VDC, 220VAC ± 15%
Rated operating voltage - Controller	VDC	-48
Rated operating voltage - Fans	VDC	-48
Rated operating voltage - Compressor	VAC	220, 50/60Hz
Max. Current AC	A	3.8
Max. Current DC	A	1.6

Please ask the sales consultant for the size drawing .
产品规格较多, 请咨询销售顾问, 获取适合的开口图纸。



5 Series Producers



 **Industrial Cabinet AC**



 **Heat Exchanger**



 **DC Inverter Cabinet AC**



 **TEC Peltier Air Cooler**



 **Air Conditioner & Heat Exchanger system**

ISO 9001 Quality Management System Certification
ISO14001 Environmental Management System Certification
ISO18000 Occupational Health and Safety Management System Certification